EE/RRND/Estno/8/12-13

BRUHATH BANGALORE MAHANAGARA PALIKE

Detailed Estimate For The Work OF :IMPTS.TO DRAINS AND CONSTRUCTION OF CULVERTS AT "W" TYPE HMT QTRS IN WARD NO-16

Ward no - 16 Estimate no- Etimate Amount.Rs 19.99 lakhs

Sl. No	Particulars	Unit	Nos	Dimentions			Qty	Rate	Amount
				length	width	depth			
1	Earthwork excavation for the foundations of the buildings,water supply,sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of the pits and trenches,stacking the excavated soil clear from the excavations with lead upto 50m after breaking of clod complete a per specifications.,P.NO-5,I,NO-2.4								
	for culverts	cum	30	6.00	2.00	1.20	432.00		
	Basic rate	187.00					432.00	201.96	87246.72
	Add 8% A.W	14.96							
	Total	**201.96**							
2	Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5m machine mixed laid inlayers of 15cms thick and well compacted for foundations,including curing cost of materials and HOM complete a per specifications .,P.NO-6,I,NO2.17								
		cum	30	6.00	2.00	0.10	36.00		
	Basic rate	1983.00					36.00	2141.64	77099.04
	Add 8% A.W	158.64							
	Total	**2141.64**							
3	Providing and layering in position plain cement concrete of mis m7.5 with opc cement @180kgs with 40mm and down size graded granite metal coare aggrefate @0.85 cum and fine aggreagate @0.57cum machine mixed,machine mixed,concrete laid in layers not exceeding 15 cms thick,well compacted, in foundationand plith including cost of all materials,labour,Hom of machinery,curing complete as per specification.,P.NO-12,I,NO-4.3								
		cum	30	6.00	2.00	0.15	54.00		
	Basic rate	3597.00					54.00	3884.76	209777.04
	Add 8% A.W	287.76							
	Total	**3884.76**							
4	Providing and constructing granite/ trap/basalt size stone masonry in basement with cement mortar 1:6,edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications P.NO-26,I,NO-5.9								
		cum	60	6.00	0.60	0.65	140.40		
	Basic rate	2985.00					140.40	3223.80	452621.52
	Add 8% A.W	238.80							
	Total	**3223.80**							
5	Providing and laying in position plain cement concrete of mix M15 with cement @240kgs with 20mm and down size graded granite metal coarse aggregates @0.878 cum and fine aggregates 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. Thick, well compacted, in foundation , plinth and cills, including cos of all materials, labour, HOM machinery, curing complete as per specificationsP.NO-12,I,NO-4.6								
		cum	60	6.00	0.60	0.10	21.60		
			60	6.00	0.15	0.08	4.32		
	Basic rate	4083.00					25.92	4409.64	114297.87
	Add 8% A.W	326.64							
	Total	**4409.64**							

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6	Providing flush pointing to square rubble,course or uncoursed stone masonry with CM1:3,20mm deep after raking joints to depth of 20mm nicely lining,including cost of materials,labour,currong complete as per specification P no-120,I no-15.1								
		cum	60	6.00		0.65	234.00		
	Basic rate	66.10					234.00	71.39	16705.26
	Add 8% A.W	5.29							
	Total	**71.39**							
7	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete.P NO-28,I,NO-5.31.1								
	7.50cm th slabs	cum	30	6.00	0.60		108.00		
	Basic rate	292.00					108.00	315.36	34058.88
	Add 8% A.W.	23.36							
	Total	**315.36**							
8	Providing and removing centering,shuttering,strutting,propping etc,and removal of form work for FLAT Surface such as wall at any thickness,including attached pilater,buttresses,plinth and tring coures cost of all materials,labour complete as per specifications,,P.NO-17,I,NO-4.30								
		sqm	30	6.00		0.60	108.00		
	Basic rate	292.00					108.00	315.36	34058.88
	Add 8% A.W.	23.36							
	Total	**315.36**							
9	Providing and laying in position reinforced cement concrete of design mix M20 with OPC concrete @320kg,with 20mm and down ize graded granite netal coarse aggregates @0.878 cum and fine aggregates @0.459cum with uperplastiiter @3lts confirming to IS9103-1999 Reaffirmed -2008 machine mied,concrete laid in layers not exceeding 15cms thick,vibrated for all works in foundation plith and ground floor level for roof slabs,staircae lintles retaining wall retuen walls,walls(any thickness)including attached plaster,columns,poiers abutments,pillar,posts,struts,buttresses,string of lacing,courses,parapets,coping,bed blocks,anchor blocks,plkain window cills,fillets,etc inlcuding cost of all materials ,labour,HOm of machinery,curing,complete as per specifications,,P.NO-13,I,NO-4.11								
	culverts deck slab	cum	30	6.00	1.80	0.23	74.52		
	Basic rate	4851.00					74.52	5239.08	390416.24
	Add 8% A.W.	388.08							
	Total	**5239.08**							
10	Providing T.M.T steel reinforcement for RCC work including straightening,cutting,bending,hooking,placing in position lapping and or welding wherever required,tying with binding wire and achoring ro the adjoinng members wherever necessary complete as per design (laps,hook and walages shall not be measured and paid)cost of materials,labour,HOM of machinery complere as per specifications ,P.NO-19,I,NO-4.46								
	100KG/CUM	sqm	1	74.52	100.00		7452.00		
	Basic rate	6781.00					74.52		
	Add 8% A.W.	542.48					74.42	7323.48	545013.38
	Total	**7323.48**							
11	Conveying the excavated earth slit debris and over burden earth etc ,to a lead of 10 to 15kms distance by using private vehicle thi include the cost of loading and unloading charges etc ,complete,,P.NO-148 & 142,I,NO-17.1								
		cum	qty same vide item no-1				432.00	108.64	37372.16
			qty limited to				344.00	~~109.30~~	~~37599.20~~
	Basic rate	39.00							
	loading & unloadding	62.20							
	Total	101.20							

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a	Add 8% A.W	8.10							
	Total	109.30							
12	Miscellaneous & rounding off amount							333.01 ~~105.97~~	333.01 ~~105.97~~
		ls	1				1.00	Total	1999000.00
	RUPEES NINETEEN LAKHS NINETY NINE THOUSANDS ONLY								

CERTIFICATE.

1 This is certified that the work spot comes under B.B.M.P limits only
2 The rates are as per CSR of 2012-2013 year of PWD Bangalore circle
3 The provisions made in estimates are adequate and necessary
4 The work spot has been inspected and the work is necessary
5 The work is not split up

ASST ENGINEER
WARD NO-16

ASST EXECUTIVE ENGINEER
YESHWANTHAPURA SUB-DIVISION
B.B.M.P

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ರಾಜರಾಜೇಶ್ವರಿನಗರ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು-560 072

lead and lift Chart at approved by Competative authority

ADMINISTRATIVE APPROVED

Rs : 19,99,000/- (Rupees nineteen lakh ninety nine thousand only) accorded under the head : .....

By AC (R.R.N.) Sl.No. 935 Vide Register No. 238 & 239 subject to conditions mentioned memo No. : AS/935/12-13 Date : 17/01/13

AC (R.R.N.)

TA,

ನಂ.: 672 ದಿನಾಂಕ: 19/1/13

ರೂ. 19,99,000 [Nineteen lakhs Ninety nine thousand only] ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ರಾಜರಾಜೇ:
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